Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021222.D
Acq On : 2 Mar 2016 21:00
Operator : UM/SJ
Sample : H1640-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EAST-1MS

Manual Integrations APPROVED
Sohil
3/3/2016 6:08:40 PM

Quant Time: Mar 03 13:58:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 11:46:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10391	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	52726	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	30663	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	67870	20.00	ng		0.00
75) Chrysene-d12	21.77	240	74841	20.00	ng		0.00
86) Perylene-d12	25.05	264	71143	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	104028	159.16	ng		0.00
7) Phenol-d6	7.30	99	169503	157.71	ng		0.00
23) Nitrobenzene-d5	9.31	82	118567	95.16	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	53026	166.21	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	211279	97.84	ng		0.00
78) Terphenyl-d14	20.09	244	311012	100.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	9568	32.59	ng		89
3) Pyridine	3.99	79	32657	35.20	ng		97
4) n-Nitrosodimethylamine	3.90	42	17534	37.51	ng		98
6) Aniline	7.47	93	32919	23.11	ng	#	86
8) 2-Chlorophenol	7.71	128	42351	52.85	ng		86
9) Benzaldehyde	7.29	77	6004	8.94	ng		82
10) Phenol	7.33	94	62302	54.38	ng		85
11) bis(2-Chloroethyl)ether	7.56	93	41266	46.73	ng		95
12) 1,3-Dichlorobenzene	8.03	146	38840	47.27	ng	#	92
13) 1,4-Dichlorobenzene	8.18	146	40230	47.56	ng		97
14) 1,2-Dichlorobenzene	8.50	146	40194	49.82	ng		97
15) Benzyl Alcohol	8.38	79	50992	51.96	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.67	45	60947	39.98	ng		95
17) 2-Methylphenol	8.58	107	42477	53.58	ng	#	91
18) Hexachloroethane	9.23	117	15988	45.13	ng	#	90
19) n-Nitroso-di-n-propylamine	8.95	70	42251	42.55	ng		94
20) 3+4-Methylphenols	8.91	107	58538	52.14	ng		94
22) Acetophenone	8.97	105	69579	44.35	ng	#	94
24) Nitrobenzene	9.35	77	64130	47.16	ng	#	88
25) Isophorone	9.88	82	116261	43.05	ng		96
26) 2-Nitrophenol	10.06	139	26053	52.59	ng	#	66
27) 2,4-Dimethylphenol	10.12	122	45245	50.91	ng		93
28) bis(2-Chloroethoxy)methane	10.35	93	59908	47.79	ng		98
29) 2,4-Dichlorophenol	10.60	162	44186	55.19	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	42163	52.21	ng		96
31) Naphthalene	11.01	128	137531	50.03	ng		99
32) Benzoic acid	10.19	122	3741	10.06	ng		87
33) 4-Chloroaniline	11.11	127	17612	13.89	ng	#	90
34) Hexachlorobutadiene	11.29	225	25369	51.61	ng		92
35) Caprolactam	11.93	113	17304m	44.33	ng		
36) 4-Chloro-3-methylphenol	12.23	107	58703	48.33	ng		86
37) 2-Methylnaphthalene	12.60	142	102031	52.13	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	50866	55.25	ng		98
40) Hexachlorocyclopentadiene	12.94	237	38499	76.25	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	39607	57.27	ng		98
43) 2,4,5-Trichlorophenol	13.27	196	42094	56.92	ng		94
45) 1,1'-Biphenyl	13.60	154	128077	50.78	ng		96
46) 2-Chloronaphthalene	13.64	162	100989	53.35	ng		97
47) 2-Nitroaniline	13.84	65	44765	48.52	ng	#	78
48) Acenaphthylene	14.48	152	162360	50.66	ng		99
49) Dimethylphthalate	14.21	163	182526	66.80	ng	#	98
50) 2,6-Dinitrotoluene	14.33	165	29698	51.94	ng	#	70
51) Acenaphthene	14.82	154	97375	47.86	ng		98
52) 3-Nitroaniline	14.66	138	21611	34.06	ng	#	71
53) 2,4-Dinitrophenol	14.86	184	12134	41.00	ng		85
54) Dibenzofuran	15.16	168	148270	54.57	ng		92
55) 4-Nitrophenol	14.97	139	51975	98.79	ng	#	64
56) 2,4-Dinitrotoluene	15.12	165	41913	50.89	ng	#	86
57) Fluorene	15.80	166	126606	48.91	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	34379	58.12	ng	#	97
59) Diethylphthalate	15.56	149	138730	45.93	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	63347	49.02	ng		97
61) 4-Nitroaniline	15.82	138	31090	45.89	ng	#	64
62) Azobenzene	16.08	77	155166	47.83	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	17466	38.23	ng		90
65) n-Nitrosodiphenylamine	16.00	169	114368	54.80	ng		94
66) 4-Bromophenyl-phenylether	16.69	248	37178	52.41	ng		92
67) Hexachlorobenzene	16.80	284	37770	54.86	ng	#	92
68) Atrazine	16.95	200	42920	60.06	ng		98
69) Pentachlorophenol	17.14	266	48989	108.92	ng		94
70) Phenanthrene	17.54	178	187634	51.23	ng		99
71) Anthracene	17.63	178	192755	51.43	ng		98
72) Carbazole	17.90	167	180038	54.17	ng		96
73) Di-n-butylphthalate	18.44	149	229196	49.05	ng	#	98
74) Fluoranthene	19.54	202	217478	50.54	ng		98
76) Benzidine	19.71	184	78991	37.72	ng		99
77) Pyrene	19.90	202	222203	49.77	ng		98
79) Butylbenzylphthalate	20.77	149	106461	46.72	ng		88
80) Benzo(a)anthracene	21.74	228	225292	50.85	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	43677	26.05	ng		97
82) Chrysene	21.82	228	201906	48.08	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	158977	47.60	ng	#	94
84) Di-n-octyl phthalate	22.87	149	276917	49.78	ng	#	97
85) Indeno(1,2,3-cd)pyrene	28.80	276	223074	46.33	ng	#	83
87) Benzo(b)fluoranthene	24.01	252	224344	50.13	ng		97
88) Benzo(k)fluoranthene	24.07	252	212147	47.34	ng		97
89) Benzo(a)pyrene	24.89	252	213701	49.39	ng		96
90) Dibenzo(a,h)anthracene	28.86	278	197912	46.24	ng		97
91) Benzo(g,h,i)perylene	29.99	276	158241m	38.27	ng		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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